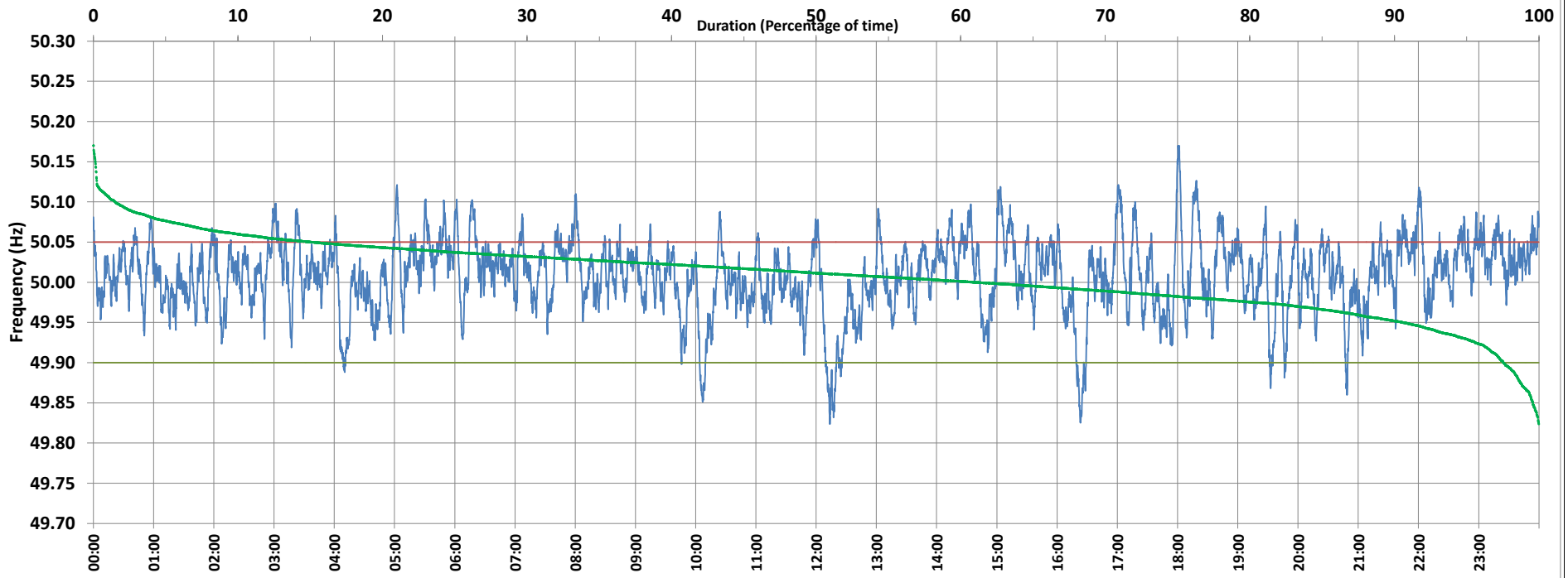


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 01-Nov-2020 (Sunday)



<49.7	<49.90	<49.97	49.7-49.8	49.8-49.9	49.9-50.0	50.0-50.1	50.1-50.2	49.90-50.05	49.7-50.2	49.97-50.03	50.05-50.1	>50	>50.03	>50.05	>50.2	<49.95	49.95-50.05	49.90-49.95
0.00	2.43	16.71	0.00	2.43	36.52	59.53	1.53	82.55	100.00	51.28	13.61	60.96	32.00	15.02	0.00	9.41	75.57	6.98

Average Frequency : 50.008	Frequency Variation Index : 0.0212	Standard Deviation : 0.0453	Mileage: 49.7	FDI: 17.5
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Instantaneous Frequency		
Max	50.170	18:00:30
Min	49.824	12:13:40

15 minute Average Frequency		
Max	50.074	15:15:00
Min	49.897	16:30:00

No. of excursions	
above 50.03 Hz	234
below 49.97 Hz	128
above 50.00 Hz	228
below 50.00 Hz	226

Average time freq per excursion remains	
below 49.97	0:01:53
above 50.03	0:01:58

No. of hours freq outside 49.9-50.05 Hz	4:11:20
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Source : SLPR4:Frequency 10 Sec. (8640 samples)